U.S. DEPT. O	F CON	MERCE PATENT AN				Page 1 of 1	
Form PTO	-1449	)	Q N	AT P99-407	SERIAL NECEIVED		
L		OF PRIOR ART C BY APPLICANT	CILLED FEBOR	ATO ORNEY DOCKET NO. ATO 9-407 APPE CANT EQUIN J. HILPERT JR ET AL	' (0 1	_	
(Use several sheets if necessary				RING DATE	GROUS POUNIT 2700		
			U	.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT PUBLICATION NO. DATE		INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE	
KB	AA	4,750,151	06/07/1988	Baus	364/900	09/30/1985	
KB	AB	4,973,952	11/27/1990	Malec et al	340/825.350	09/21/1987	
KB	AC	5,250,789	10/05/1993	Johnsen	235/383	10/31/1991	
13	AD	5,630,068	05/13/1997	Vela et al	395/201	01/05/1994	
KB	AE	5,821,512	10/13/1998	O'Hagan et al	235/383	06/26/1996	
КВ	AF	5,821,513	10/13/1998	O'Hagan et al	235/383	11/05/1996	
KB	AG	5,880,449	03/09/1999	Teicher et al	235/383	08/19/1996	
KB	АН	5,887,243	03/23/1999	Harvey et al	455/3.1	06/07/1995	
KB	ΑI	5,918,211	06/29/1999	Sloane	705/16	05/3/1996	
			FOR	EIGN PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NO.		PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
	-						
	_						
		OTHE	R PRIOR ART	(including author, title, date, pertinent page	e, etc.)		
DATE CONS				EXAMINER 12/19/04			
				ner or not citation is in conformance with N			
citation if n	ot in (	conformance and	not considered.	Include copy of this form with next comm	unication to app	iicant.	

JAN 0 3 2003

Substitute f	orm 1449/	PTO PTO					Co	mple	te if Knov	wn	
							Application No.	d	9/467,418	3	
INFORMA	ATION DI	ISCLOSU	RE				Filing Date	I	December 20, 1999		
STATEMI							Inventor(s)	F	HILPERT, EDWIN J., JR. ET AL		
							Group Art Unit	2	.711		
							Examiner Name		·		
Sheet	1	1		1			Atty. Docket No.		AT9-99-407 (011) 035580)		16AD-
				U.S.	PATEN	NT DO	OCUMENTS				
Examiner Initials	IDS Doc#	U.S. Pat Docume	ent nt Number		Nam	Name of Patentee or Applicant			Publication Date MM-DD-YYYY		
										F	RECEIVE
·							· • · · · · · · · · · · · · · · · · · ·				JAN 0 6 20
										Task	
		<u> </u>								Tech	nology Cente
	<u>}</u>	1	F	OREI	GN PAT	FENT	DOCUMENTS			Tech	nology Cente
Examiner Initials	IDS Doc #	Office	For	OREI eign P	atent	Γ	Name of Patentee or Applicant		Date of Publica		English Translation
		Office JPN	For Do	eign P	atent	i	Name of Patentee or	,		tion	English
Initials	Doc#		For Doc	eign P	atent	Kim	Name of Patentee or Applicant		Publica	tion 998	English Translation
Initials KB	Doc #	JPN	For Doc 10-24	eign P cumen	atent	Kim	Name of Patentee or Applicant noto Yosuke	,	Publica 14.09.1	tion 998 999	English Translation
Initials KB KB	Doc # AA AB	JPN JPN	For Doc 10-24 11-23	eign P cumen 48050 39305	atent	Kim Inou Kats	Name of Patentee or Applicant noto Yosuke ne Hajime et al.		Publica 14.09.1 31.08.1	tion 998 999	English Translation X
Initials  KB  KB  KB	Doc # AA AB AC	JPN JPN JPN	For Doc 10-24 11-23 11-20 11-01	reign P cumen 48050 39305	atent t No.	Kim Inou Kats Shoj	Name of Patentee or Applicant noto Yosuke ne Hajime et al. suta Kazuyoshi		Publica 14.09.1 31.08.1 30.07.1	tion 998 999 999	English Translation X X
Initials  KB  KB  KB  KB	Doc # AA AB AC AD	JPN JPN JPN JPN	For Doc 10-24 11-23 11-20 11-01 09-00	reign P cumen 48050 39305 05764	atent t No.	Kim Inou Kats Shoj Nish	Name of Patentee or Applicant noto Yosuke ne Hajime et al. suta Kazuyoshi jima Hiroshi		Publica 14.09.1 31.08.1 30.07.1 22.01.1	tion 998 999 999	English Translation X X X
Initials  KB  KB  KB  KB  KB	Doc # AA AB AC AD AE	JPN JPN JPN JPN JPN	For Doc 10-24 11-23 11-20 11-01 09-00 09-00	reign P cumen 48050 39305 05764 17676	atent t No.	Kim Inou Kats Shoj Nish Tana	Name of Patentee or Applicant noto Yosuke ne Hajime et al. suta Kazuyoshi jima Hiroshi nioka Hisao et al.		Publica 14.09.1 31.08.1 30.07.1 22.01.1 10.01.1	998 999 999 999 997	English Translation X X X X
Initials  KB  KB  KB  KB  KB  KB  KB	Doc # AA AB AC AD AE AF	JPN JPN JPN JPN JPN JPN	For Doc 10-24 11-23 11-20 11-01 09-00 09-00 01-19	reign P cumen 48050 39305 05764 17676 09216	atent t No.	Kim Inou Kats Shoj Nish Tana Shim	Name of Patentee or Applicant noto Yosuke ne Hajime et al. suta Kazuyoshi jima Hiroshi nioka Hisao et al.		Publica 14.09.1 31.08.1 30.07.1 22.01.1 10.01.1	998 999 999 999 997 997	English Translation  X  X  X  X  X
Initials  KB  KB  KB  KB  KB  KB  KB	Doc # AA AB AC AD AE AF AG	JPN JPN JPN JPN JPN JPN JPN	For Doc 10-24 11-23 11-20 11-01 09-00 09-00 01-19 08-05	reign P cumen 48050 39305 05764 17676 09216 08751	atent t No.	Kim Inou Kats Shoj Nish Tana Shim	Name of Patentee or Applicant noto Yosuke ne Hajime et al. suta Kazuyoshi jima Hiroshi nioka Hisao et al. aka Takashi mazu Hoshihiro et al.		Publica 14.09.1 31.08.1 30.07.1 22.01.1 10.01.1 10.01.1	998 999 999 997 997 997	English Translation  X  X  X  X  X  X  X
Initials  KB  KB  KB  KB  KB  KB  KB  KB	AA AB AC AD AE AF AG AH	JPN JPN JPN JPN JPN JPN JPN JPN	For Doc 10-24 11-23 11-20 11-01 09-00 09-00 01-19 08-05 2001	reign P cumen 48050 39305 05764 17676 09216 08751 90150	Patent t No.	Kim Inou Kats Shoj Nish Tana Shim Hiro	Name of Patentee or Applicant noto Yosuke ne Hajime et al. suta Kazuyoshi jima Hiroshi nioka Hisao et al. aka Takashi mazu Hoshihiro et al. ota Atsushi et al.		Publica 14.09.1 31.08.1 30.07.1 22.01.1 10.01.1 10.01.1 27.02.1	998 999 999 997 997 997 996	English Translation  X  X  X  X  X  X  X  X

JAN 0 3 2003

PADE THER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	IDS Doc#	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
	_							
			<u></u>					
Examiner Signature		Lund Date Considered 0.	2/19/4					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JAN 0 6 2003

Technology Center 2600